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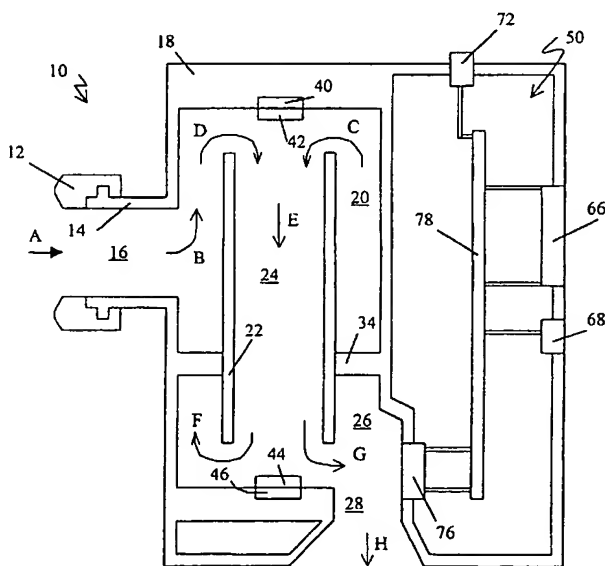
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(54) Title: BREATH KETONE ANALYZER



(57) **Abstract:** A respiratory analyzer for a person comprises a flow path through which the person breathes; a metabolic rate meter, providing a metabolic rate for the person; a ketone sensor, providing a ketone signal related to the concentration of respiratory components correlated with a level of ketone bodies in exhalations of the person; a display; and an electronic circuit, receiving the ketone signal and the metabolic data, and providing a visual indication of the metabolic rate and the ketone signal to the person on the display. The respiratory analyzer can be used in an improved exercise management program for the person.

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